

Daniel Woodson

Product Engineer specializing in web applications and technologies

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Relevant Experience

Rachio (rachio.com, app.rach.io)

August 2014 – December 2019 Denver, CO

Web Architect

- Built and advised on e-commerce, marketing, analytics, and consumer application systems
- Acted as a product-engineer, working closely with the product team to prototype applications and features, organize work, and provide technical feedback
- Built web applications that allowed people to control their sprinkler system
- Managed up to 5 direct reports; mentored and trained new and junior developers
- Built analytics and mapping software for municipalities, allowing them to aggregate, filter, and segment large numbers of controller and watering data
- Moved the company from a custom payment system to a hosted e-commerce platform, reducing cost while improving functionality and usability.
- Assisted in hiring by working with recruiters, conducting phone screens, setting up and conducting interviews, and collecting post-interview feedback
- Built OAuth logic to integrate with other services and applications

- Built custom storefronts and analytics tracking to assist with academic research programs
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Magazines.com (www.magazines.com)

August 2011 – June 2014

Franklin, TN

Senior JavaScript Developer

- Supported marketing, operations, and back-end systems using Perl, JavaScript, HTML (inc. HTML5), CSS (inc. CSS3), and proprietary languages
 - Developed front-end build scripts using Node.js and Grunt
 - Built API frameworks, Backbone applications, and jQuery plug-ins
 - Worked hand-in-hand with marketing to develop promotions and AB tests, work with affiliates, incorporate external resources (such as blog feeds, analytics) into the site, and implement responsive design for Android/iOS mobile browsers
 - Assisted in re-platforming of the existing site to work on a cloud based system, including learning proprietary languages, refactoring large amounts of code, and working with remote teams across the country
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XM Solutions

January 2011 – August 2011

Murfreesboro, TN

Python Developer

- Project development and consultation
 - Set up automated testing with Selenium
 - Wrote permission systems and XML-RPC based APIs
 - Used Python, JavaScript, CSS, HTML, MySQL, jQuery and jQuery-UI to create online community management systems, marketing software, and OCR scanners and uploaders for electronic health records
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HeadCount (www.headcount.org)

May 2010 – May 2012

New York, NY (remote)

Intern, Volunteer

- Assisted with the development and maintenance of a non-profit site using PHP, JavaScript, and CSS
- Wrote front-end JavaScript and CSS
- Personally oversaw/maintained several of the site's busiest pages
- Worked with various APIs to create dynamic and interactive multimedia-based pages
- Setup PHP/JavaScript based permission system to allow for third party logins (ie: logging in with Facebook)
- Worked with Facebook developers to incorporate social media features into the

site

MTSU (Adaptive Technology Center)

May 2010 – December 2010

Murfreesboro, TN

Student Technology Assistant

- Worked in a team, and as an individual, assisting disabled students in the use of adaptive technologies (screen readers, screen magnifiers, braille keyboards, closed circuit televisions)
 - Maintained software on systems around the campus
 - Worked to develop new standards and policies for the department
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Tennessee Center for Child Welfare (T.C.C.W.)

June 2010 – August 2010

Murfreesboro, TN

Second Life Developer

- Worked with T.C.C.W. and other team members and professors to develop 3D training/testing scenarios with Second Life software which allows new employees to test their skills in a virtual world before interacting with real children and families
 - Developed 'bots', environmental objects, and several 'cities' and geographically unique locations inside the Second Life environment
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Education

Middle Tennessee State University

Bachelor of Science, December 2010

Major: Computer Science / Minor: Mathematics

Activities: W3 Web Development group, ACM, Dean's list (multiple semesters)

Code Samples

[Github Repositories](#)